



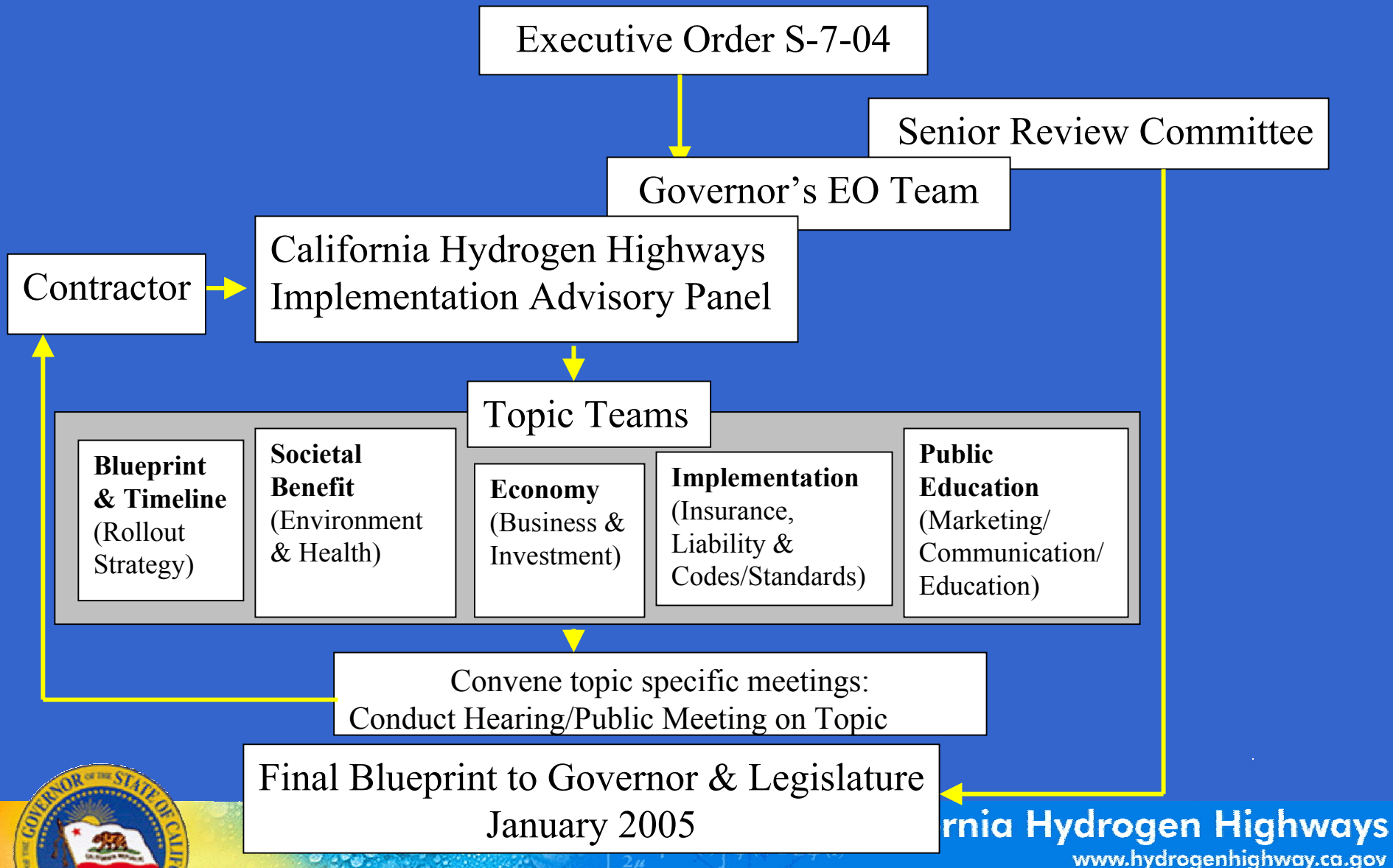
# California's Hydrogen Blueprint Plan: Process and Responsibilities

California Hydrogen Highway  
Topic Teams Kick-off  
June 4, 2004

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# Operational Diagram



# Executive Order S-7-04

- BE IT ORDERED that the State of California is committed to achieving a clean energy and transportation future based on the rapid commercialization of hydrogen and fuel cell technologies; and
- BE IT FURTHER ORDERED that the California Environmental Protection Agency, in concert with the State Legislature, and in consultation with the California Energy Resources Conservation and Development Commission and other relevant state and local agencies, **develop a California Hydrogen Economy Blueprint Plan for the rapid transition to a hydrogen economy in California due January 1, 2005** and to be updated bi-annually thereafter containing recommendations to the Governor and the State Legislature



$$\left[ \frac{p^2}{2\mu} + V(r) \right] \psi(r) = E \psi(r)$$

**California Hydrogen Highways**

[www.hydrogenhighway.ca.gov](http://www.hydrogenhighway.ca.gov)

# Governor's Executive Order Team

- Executive Order calls for CalEPA to lead the development of the Blueprint Plan
  - Secretary Terry Tamminen chairs the EO Team, the Panel and the Senior Review Committee
    - Anne Baker--Deputy Secretary for External Affairs
    - Shannon Baxter--Special Advisor on H2 and Alt Energy
    - Daniel Emmett--Advisor
  - EO Team supports the Panel, the Topic Teams and the Senior Review Committee



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# California Hydrogen Highways Implementation Advisory Panel

Each member

- represents an active partner in the CA H2 Net
- has expertise and experience to bring to the process
- volunteers time
- plans to attend five Panel meetings and a final report review hearing
- plans to provide input, review and offer revisions to improve Topic Team reports
- plans to provide input that is constructive to the well-being of the State of California and contribute to the goal of achieving the Governor's vision for hydrogen in the State in accordance with Executive Order S-7-04



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# Topic Teams

**Blueprint & Timeline**  
(Rollout Strategy)

**Societal Benefit**  
(Environment & Health)

**Economy**  
(Business & Investment)

**Implementation**  
(Insurance, Liability & Codes/Standards)

**Public Education**  
(Marketing/Communication/Education)

- Each member
  - represents an active/interested partner in the CA H2 Net
  - has expertise and experience to bring to the process
  - volunteers time
- Each Topic Team plans to:
  - Examine key issues, probe areas of contention, recommend and prioritize solutions, and acknowledge significant dissenting viewpoints
  - Develop and present a plan to address their given challenge at a public hearing for discussion
  - Elicit and address public testimony from stakeholders
  - Present the materials at the subsequent Panel meeting



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**Will be using the website's "E-List" to keep info flowing**

# Contractor

- TIAx was selected based on their breadth of expertise
- Expertise needed in five areas
  - Stationary applications
  - Fuel development
  - Vehicle technology
  - Environmental impacts in CA
  - Economic impacts in CA



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# Senior Review Committee

- Composition
  - 2 State legislators
  - Several of the Governor's cabinet members
- Will be updated monthly on progress
- Responsible for final approval of report
- Names of members will be announced soon



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# Topic Team Public Meetings

- Scheduled by CalEPA
- Meeting will be webcast
- Each team will be allotted a full day
- Topic Team co-chairs make presentation on Team's progress
- Team will accept public testimony



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# Panel Meeting

- Scheduled by CalEPA
- Meeting will be public and webcast
- Topic team co-chairs, manager and contractor will present a proposal with consideration made for the comments at the public meeting
- Panel may invite additional speakers or experts to present
- Panel will hopefully discuss the proposal and make some recommendations for revisions



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# Schedule

California Hydrogen Blueprint Plan Schedule (tentative)			
	Meeting	Date	Location
APR	Governor signs Executive Order S-7-04	April 20, 2004	Davis, CA
MAY	Panel Kick-off	May 20, 2004	CalEPA HQ Sacramento
JUNE	Topic Teams Kick-off	June 4	CalEPA HQ Sacramento Coastal Hearing Room
AUGUST	Public Meeting Topic: Public Education	August 12	SCAQMD Diamond Bar Auditorium
	Public Meeting Topic: Societal Benefit	August 13	SCAQMD Diamond Bar Auditorium
	Public Meeting Topic: Implementation	August 31	CalEPA HQ Sacramento Coastal Hearing Room
SEPTEMBER	Panel Meeting Topics: Public Education and Societal Benefits	September 1	CalEPA HQ Sacramento Coastal Hearing Room
	Public Meeting Topic: Economy	September 14	SCAQMD Diamond Bar Auditorium
	Panel Meeting Topic: Implementation	September 15	SCAQMD Diamond Bar Auditorium

# Schedule (cont'd)

## California Hydrogen Blueprint Plan Schedule, cont'd (tentative)

	Meeting	Date	Location
OCTOBER	<b>Public Meeting</b> Topic: Rollout Strategy	October 7	CalEPA HQ Sacramento Central Valley Hearing Room
	<b>Panel Meeting</b> Topic: Economy	October 6	CalEPA HQ Sacramento Central Valley Hearing Room
	<b>Panel Meeting</b> Topic: Rollout Strategy	October 27	CalEPA HQ Sacramento Coastal Hearing Room
DECEMBER	<b>Panel Meeting</b> Topic: Final report review	December 8	SCAQMD Diamond Bar Auditorium
	Governor's EO Team: Final report review	December 10, 2004	
	Senior Review Committee: Final report review	December 14, 2004	
JANUARY	Report filed with Governor's Office and Legislature	January 1, 2005	



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